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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

TRAN, CONGVAN

ART UNIT

PAPER NUMBER

2617

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/620,274	Applicant(s) PATEL ET AL.	
	Examiner CongVan Tran	Art Unit 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 March 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) 13 and 19 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12, 14-18, 20-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This office action is in response to Amendment filed on March 06, 2007.
2. Claims 1, 12, 18, 20-21, and 23 have been amended.
3. Claims 13 and 19 have been canceled.

Response to Arguments

4. Applicant's arguments filed March 06, 2007 have been fully considered but they are not persuasive.

In response to applicant's argument regarding claim 1, that the reference fails to mention the term "intelligent network". Examiner respectfully disagrees, although the term "intelligent network" has not used in Naqvi's reference. However, the Naqvi's network, which provide service has the function of storing, receiving, updating and providing services to user, is a "intelligent Network", with this reasonable interpretation therefore the previous rejection is proper.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-12, 14-18, 20-25 are rejected under 35 U.S.C. 102(b) as being anticipated by Naqvi et al. (6,801,771).

Regarding claims 1, 6, 12, 14, 18, and 20-21, Naqvi discloses a system and method of mobility management in a mobile communications network having a proxy switch, comprising: storing network user status information at said first network element (see fig.1, elements 107 (BS), 110 (MSC), 116/118, (VLR/HLR), col.1, lines 50-67 and its description); receiving at the first network element a message from a second network element, said message associated with a change in network user status information (see col.4, lines 16-25, fig.1, element 110 (MSC), 116/118, (VLR/HLR), 102b-102n, 106b-106n, it is inherent in telecommunication network for sending the handoff messages from a mobile telephone network to other); updating said stored information (see col.7, lines 39-52, fig.1, elements VLR/HLR (116/118) and its description); and providing intelligent network services to said network user dependent on said network user status information (see col.6, line 55-col.7, line 27, fig.1, element 110 (MSC) and its description).

Regarding claims 2, Naqvi further discloses at said second network element, sending a message to each of a predetermined set of network elements, said message associated with a change in network user status information, wherein said predetermined set includes said first network element (see col.2, fig.1, 102b-102n, 106b-106n, and its description).

Regarding claims 3, 22, Naqvi further discloses at said second network element, selecting said predetermined set of network elements according to the change in network user status information (see fig.1, elements 102b-102n, 106b-106n, col.12, line 53-col.13, line 4).

Regarding claims 4-5, the Examiner takes Official notice that these features the user status information is one of user activated, user deactivated, user deleted, user identifier code updated, etc. are notoriously well known in the art.

Regarding claim 7, Naqvi further discloses, wherein the first network element is a service control function (see fig.1, element 110(MSC), and its description).

Regarding claim 8, Naqvi further discloses, wherein the second network element is a home location register (see fig.1, element 118 (HLR) and its description).

Regarding claims 9-11, and 15-17, the features as computer program, storing in machine-readable form, or a storage medium is inherent in telecommunication systems.

Regarding claims 23-25, Naqvi discloses a system and method of mobility management in a mobile communications network, comprising: a service providing network element (see fig.1 and fig.4, elements 102a (BTS), 106a (BSC), 110 (MSC), 114 (MS) and its description); comprising: a memory arranged to store network user status information (see fig.1, elements 116/118 (VLR/HLR), col.1, lines 50-67 and its description); a receiver arranged to receive a message from a second network element, said message associated with a change in network user status information (see abstract, fig.3B, elements 110 (MSC), col.4, lines 20-24, col.7, lines 39-52, and its description); a processor arranged to read said message and update said network user status information stored in said memory (see fig.1, fig.3B, elements 110 (MSC), 116/118 (VLR/HLR) , col.7, lines 39-52, and its description); a transmitter arranged to provide intelligent network services to a network user dependent on said network user status information (see fig.1, and its description); a network element (see fig.1, 102b,

106b comprising: a memory arranged to store network user status information (HLR/VLR col.1, lines 50-67); and a transmitter arranged to send a message to each of a predetermined set of service providing network elements, said message associated with a change in network user status information (see fig.1, 102b-102n, 106b-106n, 110 it is inherent in telecommunication network for sending the handoff messages from a mobile telephone network to other).

Conclusion

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CongVan Tran whose telephone number is 571-272-7871. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


CONGVAN TRAN
PRIMARY EXAMINER

CongVan Tran
Primary Examiner
Art Unit 2617

May 24, 2007.